

We Claim:

1. An inking unit for a printing machine, which is assigned to a printing form, comprising a first distributor roller and a second distributor roller, said first distributor roller being in rolling contact simultaneously with two ink applicator rollers, and being axially oscillatable more slowly and disposed more closely to the printing form than is the second distributor roller.

2. The inking unit according to claim 1, wherein said second distributor roller is axially oscillatable twice as quickly as said first distributor roller, so that a ratio between frequencies of oscillations of said two distributor rollers is 1:2.

3. The inking unit according to claim 1, wherein a ratio between frequencies of the axial oscillations of said two distributor rollers is 1:3.

4. The inking unit according to claim 1, wherein said second distributor roller is disposed more closely to an ink duct than is said first distributor roller.

5. A printing machine having a printing form and an inking unit, comprising a first distributor roller and a second distributor roller, said first distributor roller being in

rolling contact simultaneously with two ink applicator rollers, and being axially oscillatable more slowly and disposed more closely to the printing form than is the second distributor roller.